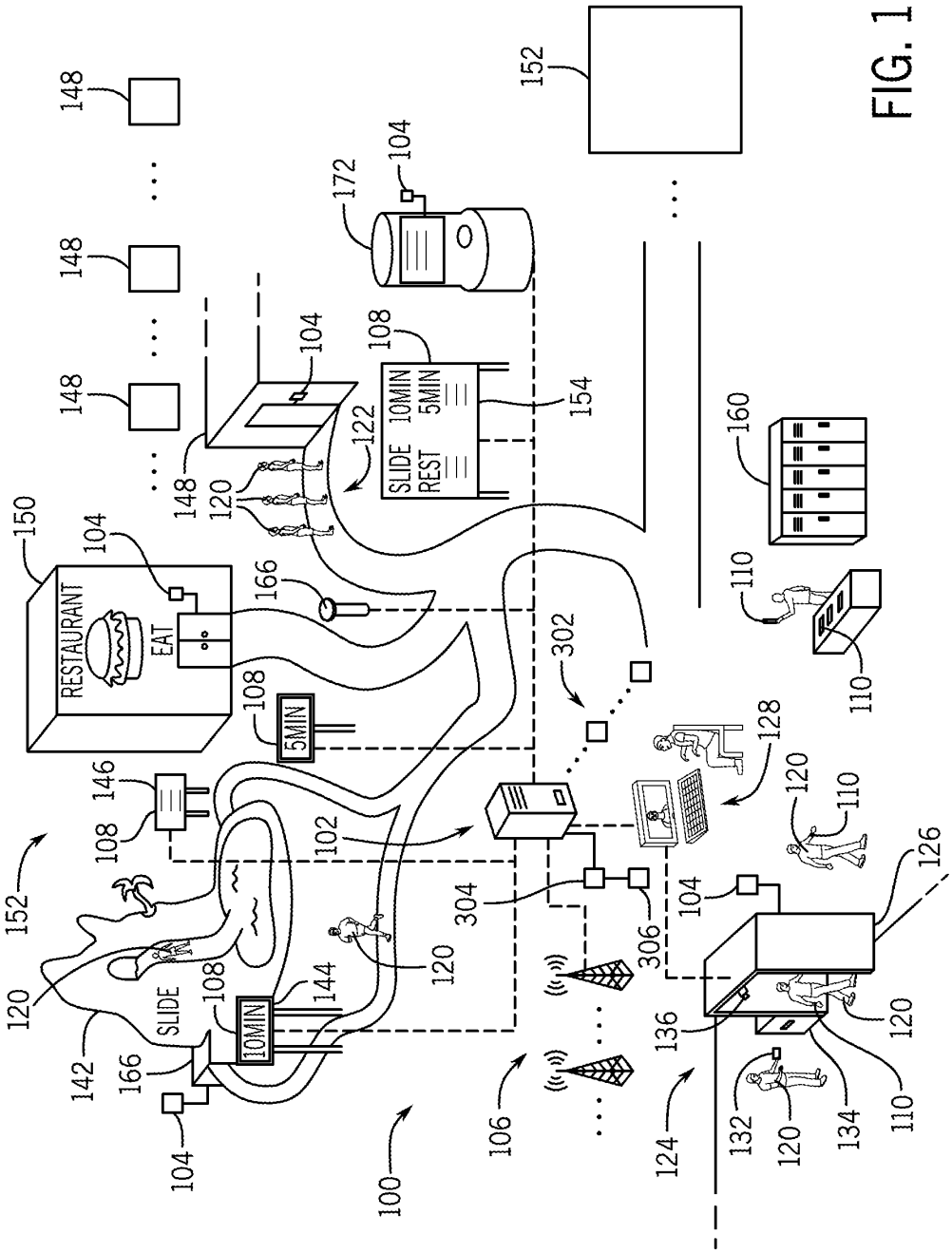
RESTAURANT
EAT
SLIDE 10MIN 5MIN
REST
5MIN
10MIN
SLIDE
100
102
104
106
108
110
120
122
124
126
128
132
134
136
142
144
146
148
150
152
154
160
166
172
302
304
306

FIG. 1

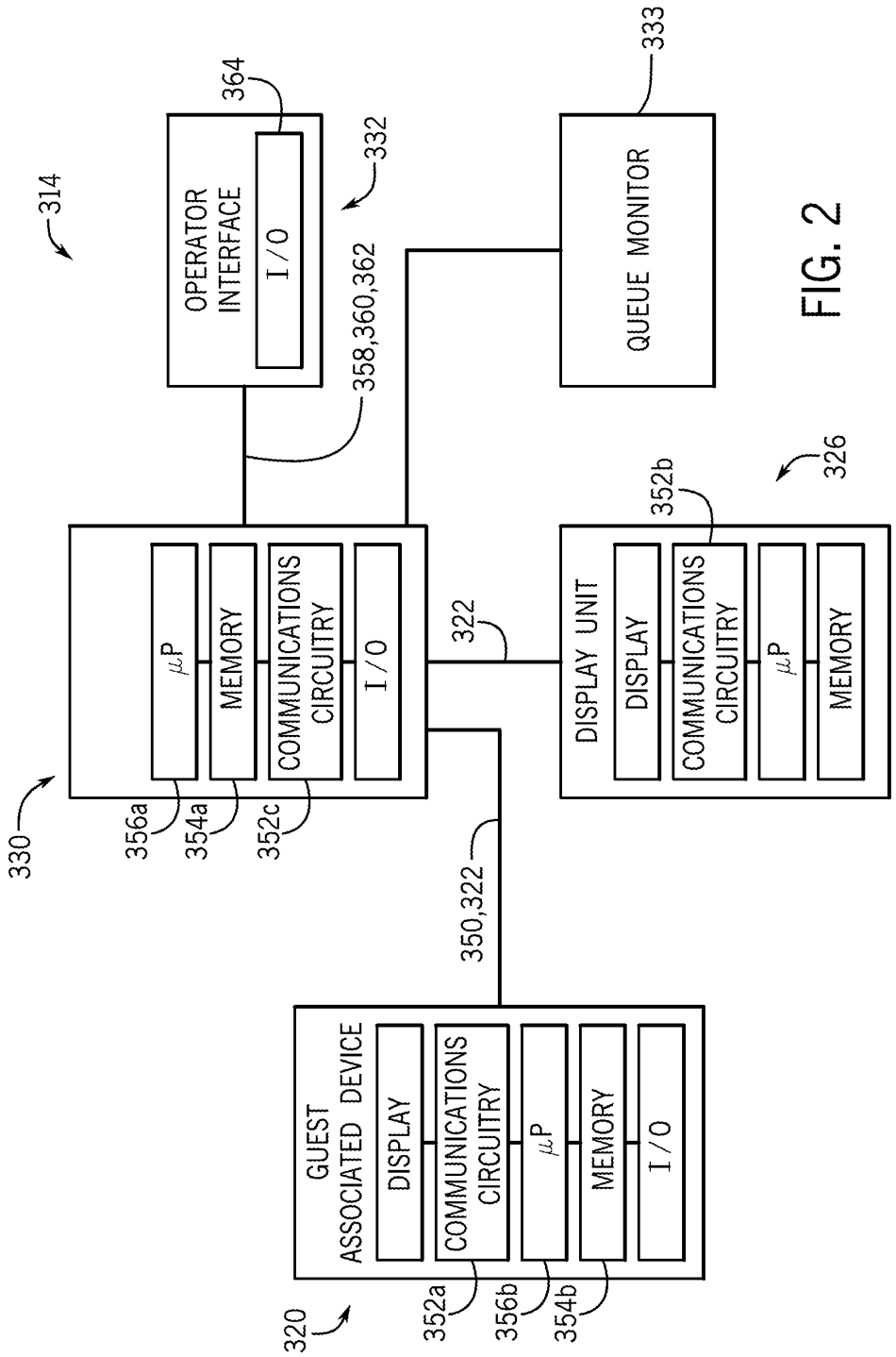
314
OPERATOR INTERFACE
I / O
364
332
358,360,362
QUEUE MONITOR
333
326
352b
DISPLAY UNIT
DISPLAY
COMMUNICATIONS CIRCUITRY
μP
MEMORY
322
330
μP
MEMORY
COMMUNICATIONS CIRCUITRY
I / O
356a
354a
352c
350,322
GUEST ASSOCIATED DEVICE
DISPLAY
COMMUNICATIONS CIRCUITRY
μP
MEMORY
I / O
320
352a
356b
354b

FIG. 2

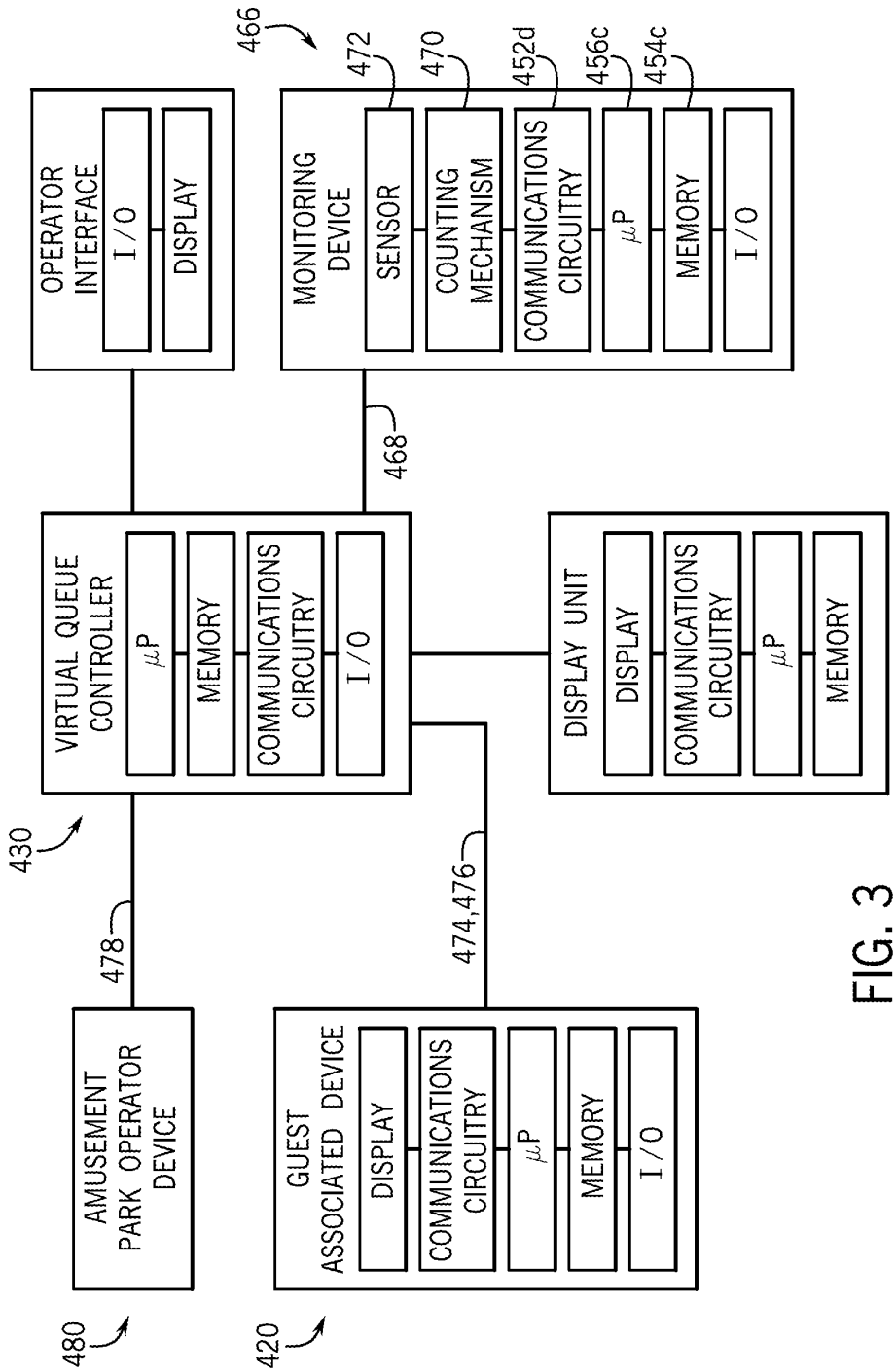
414
466
472
470
452d
456c
454c
OPERATOR INTERFACE
I / O
DISPLAY
MONITORING DEVICE
SENSOR
COUNTING MECHANISM
COMMUNICATIONS CIRCUITRY
μP
MEMORY
I / O
468
VIRTUAL QUEUE CONTROLLER
μP
MEMORY
COMMUNICATIONS CIRCUITRY
I / O
DISPLAY UNIT
DISPLAY
COMMUNICATIONS CIRCUITRY
μP
MEMORY
430
478
474,476
AMUSEMENT PARK OPERATOR DEVICE
GUEST ASSOCIATED DEVICE
DISPLAY
COMMUNICATIONS CIRCUITRY
μP
MEMORY
I / O
480
420

FIG. 3

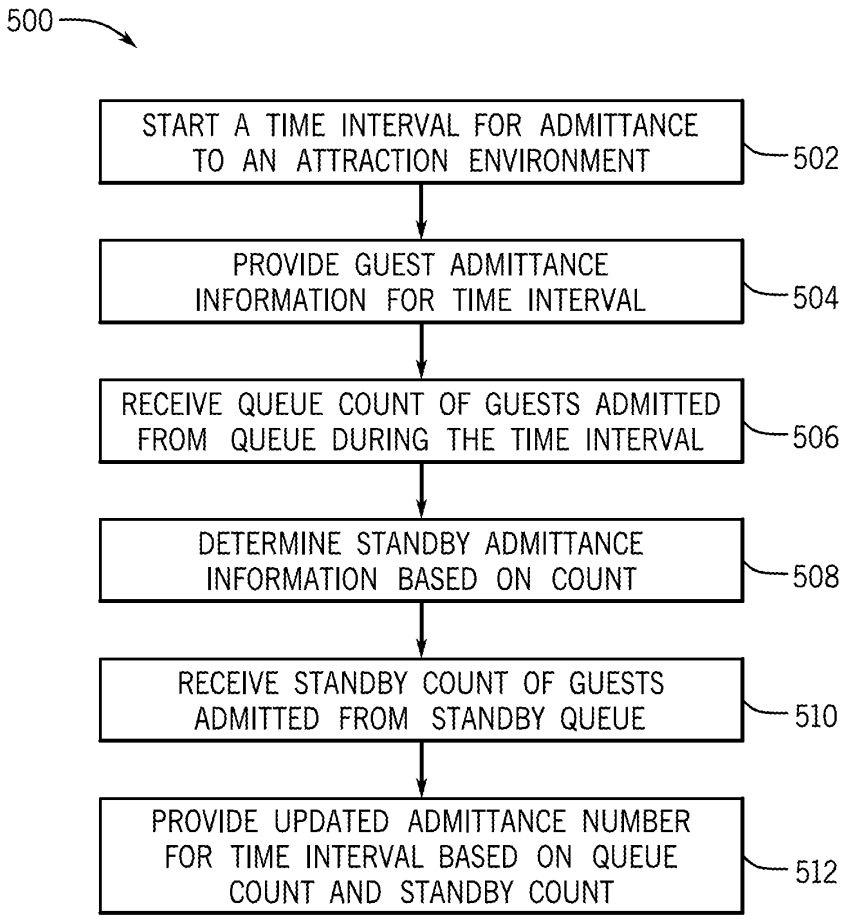
500
START A TIME INTERVAL FOR ADMITTANCE TO AN ATTRACTION ENVIRONMENT
502
PROVIDE GUEST ADMITTANCE INFORMATION FOR TIME INTERVAL
504
RECEIVE QUEUE COUNT OF GUESTS ADMITTED FROM QUEUE DURING THE TIME INTERVAL
506
DETERMINE STANDBY ADMITTANCE INFORMATION BASED ON COUNT
508
RECEIVE STANDBY COUNT OF GUESTS ADMITTED FROM STANDBY QUEUE
510
PROVIDE UPDATED ADMITTANCE NUMBER FOR TIME INTERVAL BASED ON QUEUE COUNT AND STANDBY COUNT
512

FIG. 4

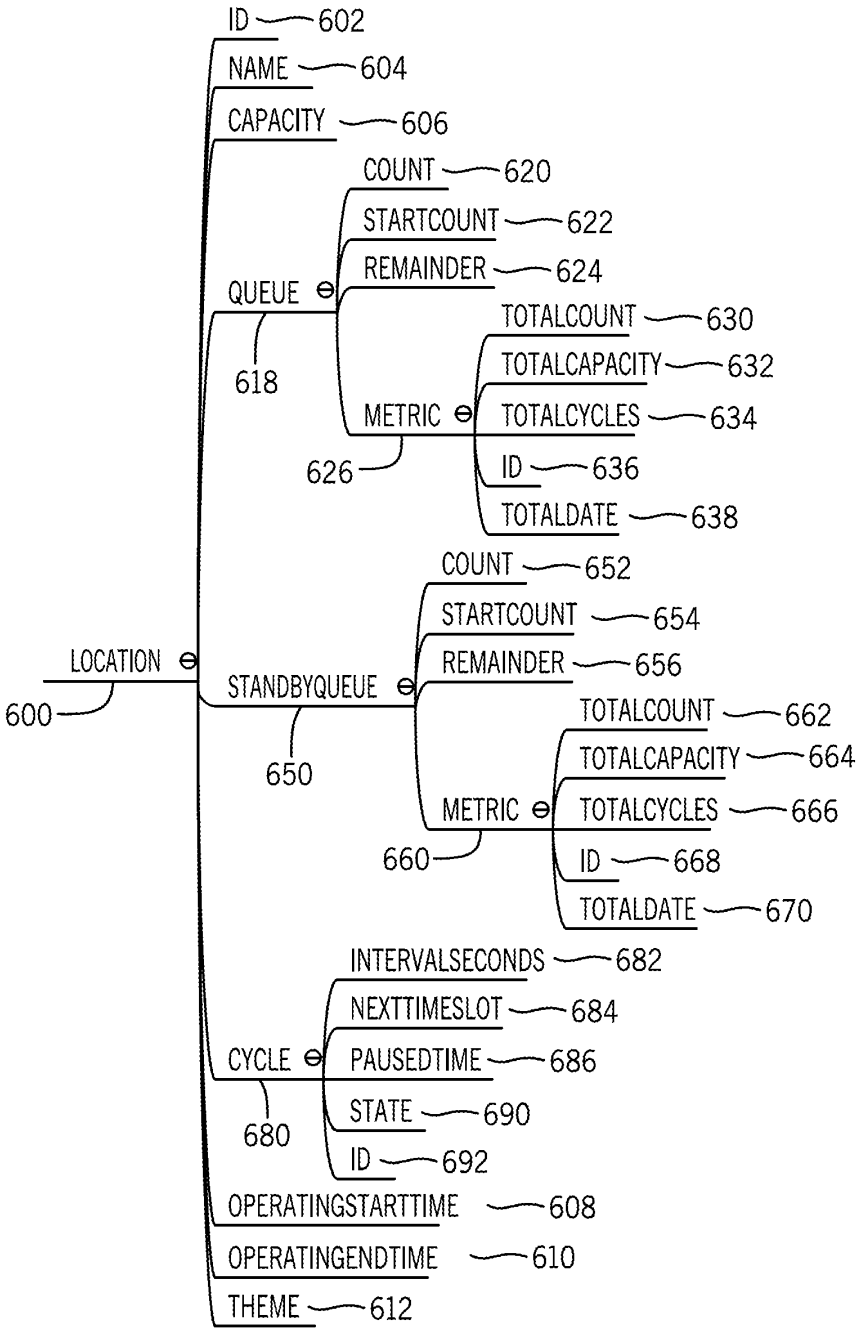
LOCATION
600
ID
602
NAME
604
CAPACITY
606
QUEUE
618
COUNT
620
STARTCOUNT
622
REMAINDER
624
METRIC
626
TOTALCOUNT
630
TOTALCAPACITY
632
TOTALCYCLES
634
ID
636
TOTALDATE
638
STANDBYQUEUE
650
COUNT
652
STARTCOUNT
654
REMAINDER
656
METRIC
660
TOTALCOUNT
662
TOTALCAPACITY
664
TOTALCYCLES
666
ID
668
TOTALDATE
670
CYCLE
680
INTERVALSECONDS
682
NEXTTIMESLOT
684
PAUSEDTIME
686
STATE
690
ID
692
OPERATINGSTARTTIME
608
OPERATINGENDTIME
610
THEME
612

FIG. 5

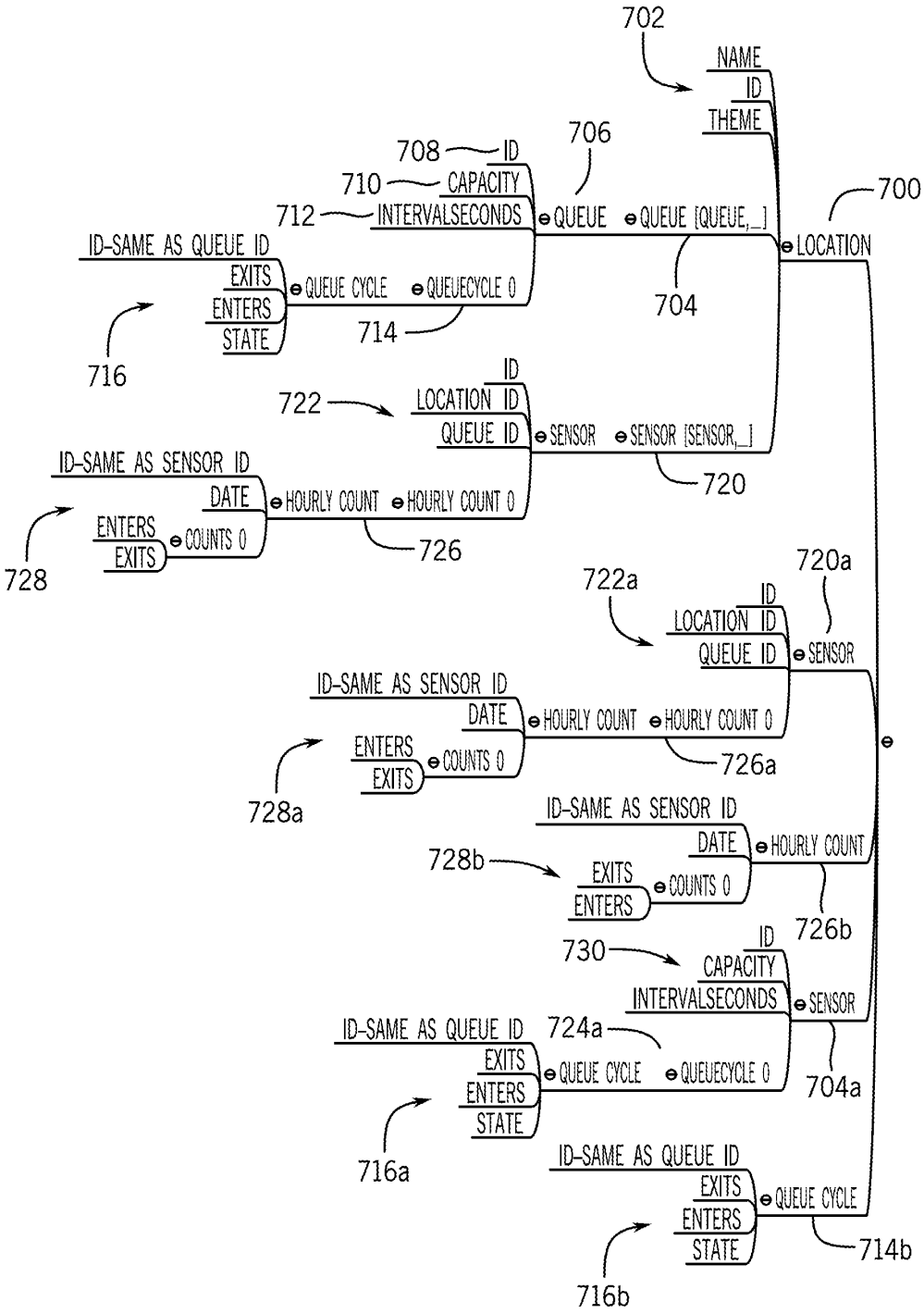
702
NAME
ID
THEME
706
708
ID
710
CAPACITY
712
INTERVALSECONDS
QUEUE
QUEUE [QUEUE,_]
700
LOCATION
ID-SAME AS QUEUE ID
EXITS
ENTERS
STATE
QUEUE CYCLE
QUEUECYCLE 0
704
714
716
ID
722
LOCATION ID
QUEUE ID
SENSOR
SENSOR [SENSOR,_]
720
ID-SAME AS SENSOR ID
DATE
ENTERS
EXITS
HOURLY COUNT
HOURLY COUNT 0
COUNTS 0
726
728
720a
722a
ID
LOCATION ID
QUEUE ID
SENSOR
ID-SAME AS SENSOR ID
DATE
ENTERS
EXITS
HOURLY COUNT
HOURLY COUNT 0
COUNTS 0
726a
728a
ID-SAME AS SENSOR ID
DATE
EXITS
ENTERS
HOURLY COUNT
COUNTS 0
728b
726b
730
ID
CAPACITY
INTERVALSECONDS
SENSOR
704a
724a
ID-SAME AS QUEUE ID
EXITS
ENTERS
STATE
QUEUE CYCLE
QUEUECYCLE 0
716a
ID-SAME AS QUEUE ID
EXITS
ENTERS
STATE
QUEUE CYCLE
714b
716b

FIG. 6

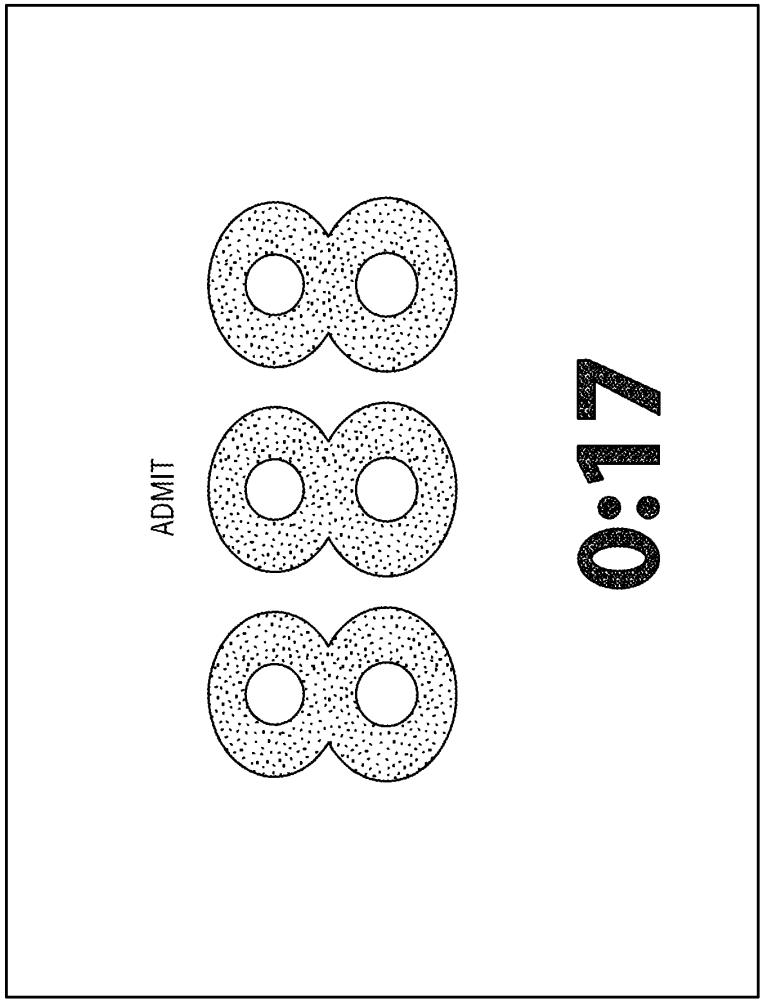

FIG. 7

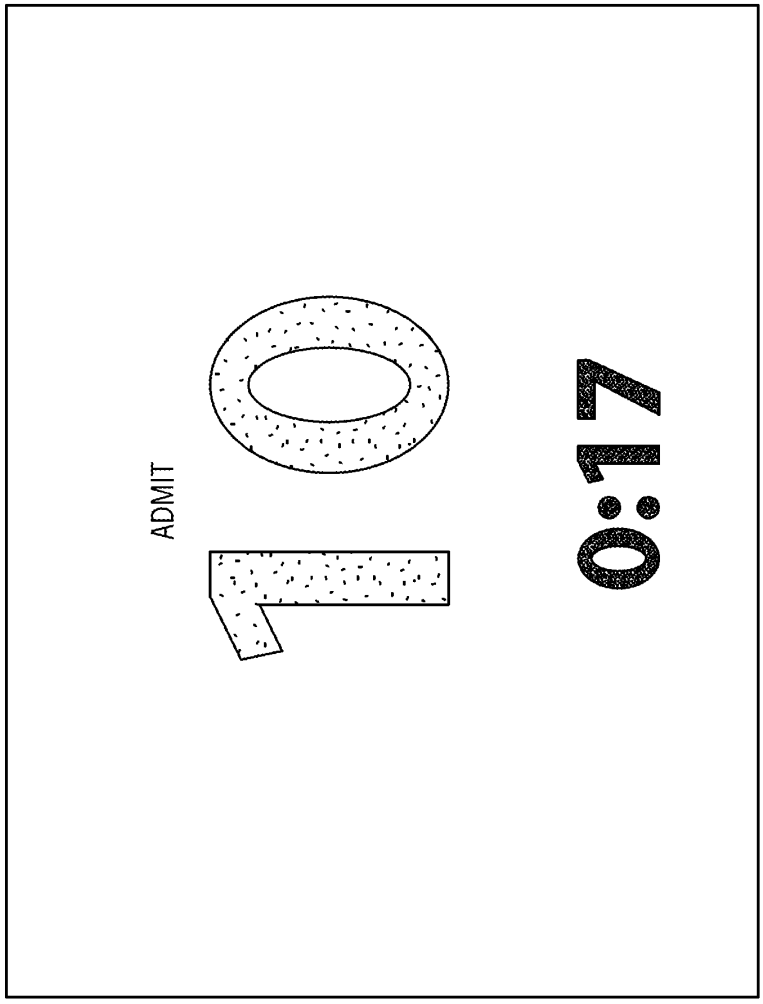

FIG. 8

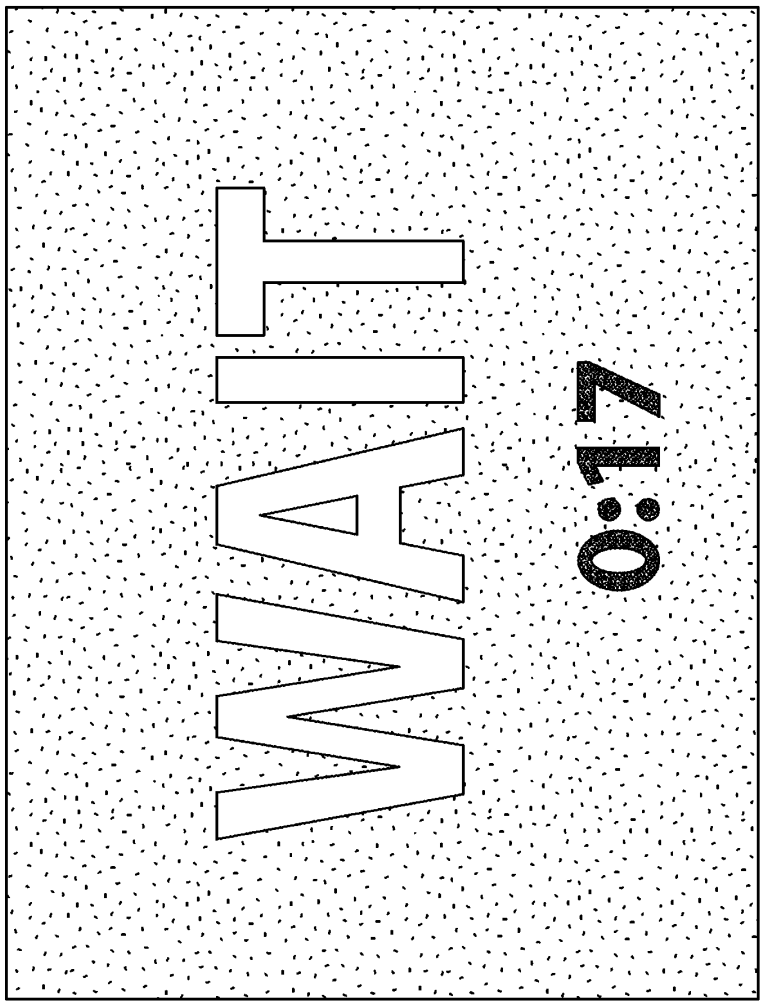

FIG. 9